

Docket No.: 00282

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit:	2611
)		
Ismail LAKKIS)	Examiner:	Lawrence B Williams
)		
Serial No.: 10/810,948)	Confirmation No.:	9810
)		
Filed: March 25, 2004)		
)		
For: Systems and Methods)		
For Implementing Path Diversity)		
In a Wireless Communication)		
Network)		

Carlsbad, California
February 25, 2008

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. § 1.56, Applicants make the documents listed on the enclosed form PTO/SB/08 (submitted in duplicate) of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

02/27/2008 CNEGA1 00000012 503143 10010948
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Copies of the U.S. patents and U.S. patent application publications listed on the enclosed form PTO/SB/08 are not enclosed, in accordance with the waiver of the requirement of 37 C.F.R.

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FEB 27 2008
PATENT & TRADEMARK

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2008

Complete if Known

Application Number	10/810,948
Filing Date	March 25, 2004
First Named Inventor	Ismail LAKKIS
Examiner Name	Lawrence B Williams
Art Unit	2611
Attorney Docket No.	00282

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 50-3143 Deposit Account Name: Pulse~LINK

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185
Total Claims		
- 20 or HP =	x	=
HP = highest number of total claims paid for, if greater than 20.		
Indep. Claims		
- 3 or HP =	x	=
HP = highest number of independent claims paid for, if greater than 3.		

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)
Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement (PTO/SB/08A&B) 180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 42,845	Telephone 760-607-0844
Name (Print/Type)	Peter R. Martinez		Date February 25, 2008

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (01-08)

Approved for use through 02/29/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/810,948
Filing Date	March 25, 2004
First Named Inventor	Ismail Lakkis
Art Unit	2611
Examiner Name	Lawrence B Williams
Attorney Docket Number	00282

ENCLOSURES (Check all that apply)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Reply to Missing Parts/
Incomplete Application
<input type="checkbox"/> Reply to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify
below):
Return Receipt Postcard |
|--|--|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Pulse-LINK, Inc.		
Signature			
Printed name	Peter R. Martinez		
Date	February 25, 2008	Reg. No.	42,845

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Peter R. Martinez	Date	February 25, 2008

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

§ 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice (Week No. 31) dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003".

However, copies of the 55 non-patent literature documents listed on the enclosed form PTO/SB/08 are enclosed for review and consideration.

In addition, the U.S. patents and published patent applications, and the non-patent literature listed on the enclosed PTO/SB/08 form(s) may be cited in several of the following patent applications, which may be related to the present application:

United States Patent Application Serial No. 10/948,634, filed September 23, 2004, entitled: Systems and Methods for Equalization of Received Signals in a Wireless Communication Network;

United States Patent Application Serial No. 10/120,456, entitled, "Systems and Methods for Recovering Bandwidth in a Wireless Communication Network," filed April 9, 2002;

United States Patent Application Serial No. 10/010,601, entitled, "Systems and Methods for Wireless Communication Over A Wide Bandwidth Channel Using A Plurality of Sub-channels," filed on December 6, 2001;

United States Patent Application Serial No. 09/670,054, entitled, "CDMA/TDMA Communication Method and Apparatus for Wireless Communication using Cyclic Spreading Codes," filed September 25, 2000;

United States Provisional Patent Application Serial No. 60/547,221, entitled, "Systems and Methods for Implementing an Open Loop Architecture in a Wireless Communication Network," filed February 23, 2004;

United States Patent Application Serial No. 10/810,410, entitled, "Systems and Methods for Receiving Data in a Wireless Communication Network," filed March 26, 2004;

United States Patent Application Serial No. 10/962,935, entitled, "Ultra-Wideband Communication Apparatus and Methods," filed October 12, 2004;

United States Patent Application Serial No. 10/811,223, entitled, "Systems and Methods for Transmitting Data in a Wireless Communication Network," filed March 26, 2004;

United States Patent Application Serial No. 10/934,316, entitled, "Systems and Methods for Receiving Data in a Wireless Communication Network," filed September 3, 2004;

United States Patent Application Serial No. 10/980,841, entitled, "Ultra-Wideband Communication Apparatus and Methods," filed October 31, 2007;

United States Patent Application Serial No. 10/948,099, entitled, "Systems and Methods for Implementing an Open Loop Architecture in a Wireless Communication Network," filed September 23, 2004;

United States Patent Application Serial No. 11/332,946 entitled, "Methods and Apparatus for Wireless Communications," filed January 17, 2006;

United States Patent Application Serial No. 10/961,592 entitled, "Ultra-Wideband Communication Systems and Methods," filed October 8, 2004;

United States Patent Application Serial No. 10/961,614 entitled, "Methods and Apparatus for Wireless Communications," filed October 8, 2004;

United States Patent Application Serial No. 10/952,485 entitled, "Systems and Methods for Forward Error Correction in a Wireless Communication Network," filed September 27, 2004;

United States Patent Application Serial No. 10/963,026 entitled, "Ultra-Wideband Communication Systems and Methods," filed October 12, 2004;

United States Patent Application Serial No. 10/964,482 entitled, "Methods and Apparatus for Wireless Communications," filed October 13, 2004;

United States Patent Application Serial No. 10/964,336 entitled, "Methods and Apparatus for Wireless Communications," filed October 13, 2004;

United States Patent Application Serial No. 10/984,436 entitled, "Methods and Apparatus for Wireless Communications," filed November 8, 2004;

United States Patent Application Serial No. 10/985,977 entitled, "Methods and Apparatus for Wireless Communications," filed November 9, 2004;

United States Patent Application Serial No. 10/985,861 entitled, "Methods and Apparatus for Wireless Communications," filed November 10, 2004;

United States Patent Application Serial No. 10/988,373 entitled, "Methods and Apparatus for Wireless Communications," filed November 12, 2004;

United States Patent Application Serial No. 11/977,825 entitled, "Ultra-Wideband Communication Systems and Methods," filed October 26, 2007;

United States Patent Application Serial No. 11/890,998 entitled, "Systems and Methods for Equalization of Received Signals in a Wireless Communication Network," filed August 8, 2007;

United States Patent Application Serial No. 11/980,152 entitled, "Ultra-Wideband Communication Apparatus and Methods," filed October 29, 2007;

United States Patent Application Serial No. 11/978,049 entitled, "Ultra-Wideband Communication Systems and Methods," filed October 25, 2007;

United States Patent Application Serial No. 11/055,525 entitled, "High Data Rate Transmitter and Receiver," filed February 9, 2005;

United States Patent Application Serial No. 11/978,065 entitled, "Systems and Methods for Implementing Path Diversity in a Wireless Communication Network," filed October 26, 2007;

United States Patent Application Serial No. 11/980,839 entitled, "Ultra-Wideband Communication Apparatus and Methods," filed October 31, 2007;

United States Patent Application Serial No. 11/975,635 entitled, " Systems and Methods for Wireless Communication Over a Wide Bandwidth Channel Using a Plurality of Sub-Channels," filed October 18, 2007;

United States Patent Application Serial No. 11/981,305 entitled, " Systems and Methods for Forward Error Correction in a Wireless Communication Network," filed October 31, 2007;

United States Patent Application Serial No. 11/975,606 entitled, "Systems and Methods for Wireless Communication Over a Wide Bandwidth Channel Using a Plurality of Sub-Channels," filed October 18, 2007;

United States Patent Application Serial No. 11/975,607 entitled, "Systems and Methods for Wireless Communication Over a Wide Bandwidth Channel Using a Plurality of Sub-Channels," filed October 18, 2007; and

United States Patent Application Serial No. 11/978,050 entitled, "Ultra-Wideband Communication Apparatus and Methods," filed October 25, 2007.

In accordance with 37 C.F.R. § 1.97(c), this supplemental information disclosure statement shall be fully considered by the U.S. Patent & Trademark Office since Applicant filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing date of any final action,


notice of allowance or an action that otherwise closes prosecution in the application, and is accompanied by the requisite fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00.

It is respectfully requested that the documents listed on the enclosed form PTO/SB/08 be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of the enclosed form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

Respectfully submitted,

February 25, 2008

Date



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